

Message

From: Kambin, Roya [RKambin@chevron.com]
Sent: 2/11/2022 5:22:56 PM
To: Ho, Yenhung [Ho.Yenhung@epa.gov]; Guest Rebecca Hollis [Clean Energy Systems] [rhollis@cleanenergysystems.com]; Guest Natalie Nowiski [Schlumberger] [NNowiski@slb.com]; Diogo D'Oliveira [ddoliveira@slb.com]
CC: Albright, David [Albright.David@epa.gov]; Garnett, Desean [Garnett.Desean@epa.gov]; Magnuson, Janet [Magnuson.Janet@epa.gov]
Subject: RE: list of needed updates to MCNEP application

Hi Calvin,

Thank you and thanks to your colleagues for your continued support and guidance.

Best Regards,
Roya

From: Ho, Yenhung <Ho.Yenhung@epa.gov>
Sent: Friday, February 11, 2022 9:00 AM
To: Kambin, Roya <RKambin@chevron.com>; Guest Rebecca Hollis [Clean Energy Systems] <rhollis@cleanenergysystems.com>; Guest Natalie Nowiski [Schlumberger] <NNowiski@slb.com>; Diogo D'Oliveira <ddoliveira@slb.com>
Cc: Albright, David <Albright.David@epa.gov>; Garnett, Desean <Garnett.Desean@epa.gov>; Magnuson, Janet <Magnuson.Janet@epa.gov>
Subject: [**EXTERNAL**] RE: list of needed updates to MCNEP application

Hi Roya,

Yes, MCNEP may just include in your March 18 submittal a technical update primarily related to the proposed change in the injection well and characterization well location and other technical updates as requested by EPA.

We look forward to meeting with MCNEP in mid-April to hear your FA proposal. Please provide us with some meeting date/time options in advance.

Best Regards,
Calvin

From: Kambin, Roya <RKambin@chevron.com>
Sent: Thursday, February 10, 2022 3:48 PM
To: Ho, Yenhung <Ho.Yenhung@epa.gov>; Guest Rebecca Hollis [Clean Energy Systems] <rhollis@cleanenergysystems.com>; Guest Natalie Nowiski [Schlumberger] <NNowiski@slb.com>; Diogo D'Oliveira <ddoliveira@slb.com>
Cc: Albright, David <Albright.David@epa.gov>
Subject: RE: list of needed updates to MCNEP application

Hello Calvin,

Thank you for your e-mail below clarifying the MCNEP's outstanding items pertaining to our Class VI Application and for taking the time to meet with us today. As discussed during our meeting on February 10, 2021, we request an extension for our response to EPA's Technical Feedback dated December 10, 2021 until March 18, 2022. The March 18 submittal will include a technical update primarily related to the proposed change in the injection well and characterization well location (discussed during our January 20, 2022 meeting) and other technical updates as requested by EPA. The March 18 submittal will not include updates regarding financial assurance, or characterization well or 3D seismic data as this is work in progress. Characterization

well and 3D seismic information will be provided when it becomes available later, likely in 2023. As discussed, we plan to schedule a meeting with EPA in mid-April to present our financial assurance proposal to obtain feedback prior to submitting the proposal to EPA.

Thank you again for your continued support for the Mendota Project.

Best Regards,
Roya

Roya Kambin

Principal, Permitting & Regulatory Compliance

Mendota Carbon Negative Energy Project

9525 Camino Media

C1018

Bakersfield, CA 93311

E-Mail: RKambin@Chevron.com

Office Phone: 661.654.7568

Mobile: 661.426.1691

From: Ho, Yenhung <Ho.Yenhung@epa.gov>

Sent: Friday, February 4, 2022 2:31 PM

To: Guest Rebecca Hollis [Clean Energy Systems] <rhollis@cleanenergysystems.com>; Guest Natalie Nowiski [Schlumberger] <NNowiski@slb.com>; Kambin, Roya <RKambin@chevron.com>; Diogo D'Oliveira <ddoliveira@slb.com>

Cc: Albright, David <Albright.David@epa.gov>

Subject: [****EXTERNAL****] list of needed updates to MCNEP application

Rebecca et al.,

Thank you for providing EPA with the MCNEP project status update last month.

When MCNEP updates your UIC Class VI permit application to incorporate the new geologic information and the location of the well, please consider changes to the permit application pieces include, but are not limited to, the following:

- Site Characterization/ geologic narrative: incorporate any new information about subsurface formations that is gained during testing at the characterization well or via the 3D seismic survey; also revise to address any localized geology near the new well location.
- Operating Conditions--Attachment A: revise as needed if any updated geologic information (e.g., new information about the fracture pressure of the confining zone) warrants changes to injection rates/pressures.
- AoR and Corrective Action--Attachment B: update to reflect the revised AoR that incorporates the new well location and any subsurface data collected via the characterization well and the 3D seismic survey. Also, identify all wells in the new AoR and their corrective action status.
- Testing and Monitoring--Attachment C: update or add monitoring well locations as needed to reflect the extent of the revised AoR. The QASP should reflect all monitoring wells or testing in the plan.
- Injection Well Plugging--Attachment D: update to address the depths of relevant formations (i.e., injection and confining zones, USDW) at the new well site.
- Post-Injection Site Care and Site Closure--Attachment E: post-injection monitoring should reflect any changes to the injection-phase monitoring; also, the alternative PISC timeframe demonstration should reflect the revised AoR delineation modeling.
- E&RR Plan--Attachment F: address risks to any additional resources and infrastructure within the revised AoR.

- Well Construction--Attachment G: update to address the depths of relevant formations at the new well site; also revise the well construction specifications per modifications that address subsidence concerns.
- Financial responsibility--Attachment H: update the cost estimates for: plugging to address the depth of the new well, any additional post-injection monitoring, E&RR to reflect all emergency response activities in the updated E&RR Plan, and any additional corrective action needs.

Please let us know if you have any questions.

Best,
Calvin

Calvin Ho
Groundwater Protection Section
Water Division (WTR-4-2)
U.S. EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
415-972-3262